



**DARLASTON URBAN DISTRICT COUNCIL.**



# **Annual Report**

... OF THE ...

**MEDICAL OFFICER OF HEALTH**

FOR THE YEAR 1914,

... BY ...

**VINCENT J. MAGRANE,**

WITH SUPPLEMENTARY REPORT

BY THE

**SANITARY INSPECTOR,**

**JOSEPH S. BARKER.**

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DARLASTON :

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1915.

# Annual Report

OF THE

## MEDICAL OFFICER OF HEALTH

FOR 1914.



MR. CHAIRMAN AND GENTLEMEN,

I have pleasure in submitting for your consideration my Annual Report for the year 1914.

**Area**—913 Acres.

**Population** (estimated) 17,700.

Number of inhabited houses ..	3,550
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Average number of persons per house	4.91
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### **Births.**

The Births numbered 579, viz : Males 297, Females 282, giving a birth-rate of 32.71 per 1000 of the population, compared with 576 and a rate of 32.88 in 1913, and 31.96 in 1912.

20 Illegitimate Births were registered as compared with 16 in 1913, giving rates of 3.45 and 2.78 respectively.

### Deaths.

The Deaths registered were 284, viz.: 176 Males and 108 Females.

Twenty-nine Deaths (five more than last year) were registered as having died outside the district.

Local death-rate 14.41. Corrected nett death-rate 16.05, as compared with 17.47 and 18.84 in 1913.

The following are particulars of the Deaths in Public Institutions or other places outside the district.

Dudley U. D. Guest Hospital	1
Bilston U. D. ..	2
Lichfield Mental Hospital ..	2
Walsall Union ..	2
Walsall Infirmary ..	10
Tipton U. D. C. ..	1
Wolverhampton Hospital ..	4
Walsall Hospital ..	2
Walsall U. D. ..	4
Derby Infirmary ..	1
	—
	29

### Infantile Mortality.

The number of Deaths under 1 year of age was 83, exactly the same number as last year.

The percentage of Deaths to total Deaths was 29.22 compared with 25.15 in 1913 and 26.75 in 1912. To Births registered 14.33 compared with 14.49 in 1913 and 14.41 in 1912.

### Health Visitor.

The duties have been carried on through the Nursing Institute.

### Zymotic Diseases.

The Deaths from Zymotic Diseases numbered 31 compared with 54 in 1913.

The death-rate per 1000 of the population was 1.7 compared with 3.2 in 1913.

The percentage of Deaths from Zymotic diseases to the total deaths for 1914 was 10.9, compared with 17.57 in 1913.

### Measles.

There were no Deaths from this disease as compared with 19 in 1913, and 26 in 1912.

### Scarlet Fever.

Six cases were notified (no deaths), compared with 28 cases and 1 death in 1913.

Two of these cases were found attending Dorsett Road Schools in July.

The Schools were thoroughly disinfected, books used by the two children were destroyed, and all "contacts" were kept under observation, with the result that no further cases were notified.

All cases were visited, instructions given as to isolation, and the rooms disinfected on the patients' convalescence.

The number of cases and deaths since 1905 are as follows:

		Notifications	Deaths
1905	.	33	0
1906		27	0
1907	..	102	6
1908	..	65	1
1909	..	120	10
1910	.	65	6
1911	.	11	0
1912		27	1
1913	.	28	1
1914	.	6	0

The ages of the persons who contracted the disease were :

1 and under 5 years	..	1
5      ,,	15    ,,	..    4
25     ,,	45    ,,	..    1
		— 6

### Enteric Fever.

Two cases were notified, 1 in February and 1 in November, with 1 death.

The former, which occurred in the Central Ward, was a sporadic case, and on enquiry was undoubtedly due to the eating of shell-fish.

The man was too ill to remove to the Hospital and the case terminated rapidly.

Every precaution was taken, the premises thoroughly cleansed, and bedding, clothing, &c., steam disinfected, with the result that no other case appeared in the neighbourhood.

The other case was also sporadic, occurred in Central Ward, and as the surroundings were satisfactory, was nursed at home.

The following is a list of cases notified in previous years :

Years	Cases
1904	17
1905	30
1906	17
1907	11
1908	4
1909	3
1910	3
1911	9
1912	7
1913	2

### Diarrhoea (including Enteritis)

This disease was responsible for 21 deaths, 13 of which were infants under 1 year, 6 under six years, while 2 were adults.

The proportion of deaths to 1000 deaths is 73.94 compared with 101.31 in 1913, and 21.66 in 1912.

The percentage of deaths of children under 1 year to total deaths of children under 1 year is 15.66, compared with 20.48 in 1913 and 5.00 in 1912.

The deaths in previous years were:

Years		Total Deaths	Deaths of Infants under 1 year
1907	..	19	11
1908	..	29	23
1909	..	15	10
1910	..	12	7
1911	..	31	17
1912	..	6	4
1913	..	31	17

Early in the summer, as is my custom, the usual notices were issued, warning parents and those in charge of children that Diarrhoea was an epidemic disease, frequently carried by flies, and advising that all milk and food should be covered up and kept in a cool place.

### **Diphtheria and Membraneous Croup.**

Four cases were reported, of which 2 proved fatal, compared with 3 cases notified, and 1 death in 1914.

### **Whooping Cough.**

Seven deaths occurred as compared with 2 in 1913, and 11 in 1912.

### **Mumps.**

During May and June an epidemic of this disease occurred, which seemed to have its origin in the Green Schools.

### **Epidemic Influenza.**

Five deaths occurred, as compared with 3 in 1913 and 6 in 1912.

## Respiratory Diseases.

DEATHS—Bronchitis ..	32
Pneumonia (all forms)	28
Other diseases of res- piratory organs	3
	—
	63
	—

Compared with 79 in 1913 and 78 in 1912

The proportion of deaths to 1000 deaths was 214.78 compared with 239.39 in 1913, and 260.86 in 1912.

The death-rate per 1000 of the population :

Bronchitis	1.8
Pneumonia	1.5

## Phthisis (Pulmonary Tuberculosis).

This disease accounted for 23 deaths, compared with 21 in 1913.

The proportion to 1000 deaths for this and previous years was :

1914	..	80.98
1913	..	63.63
1912	..	53.51
1911	..	85.71
1910	..	65.63
1909	..	45.73
1908	..	47.92
1907	..	68.53

The death-rate per 1000 of the population was 1.29 compared with 1.19 in 1913, 0.92 in 1912 and 1.57 in 1911.

Forty-eight cases were reported during their year, compared with 67 in 1913.

Under the head of Other Forms of Tuberculosis, 10 notifications were received, compared with 25 in 1913.

The Staffordshire, Wolverhampton and Dudley Joint Committee have now established a Dispensary in Wednesbury, where patients are seen twice a week by the Tuberculosis Officer,

and the Phthisis Sanatorium at Moorcroft, near Moxley, is available for male patients.

During the dry weather the streets should be daily (Sundays included) cleared of all refuse, well watered, and the inhabitants warned against the filthy habit of spitting, as no doubt this is a dust-borne disease.

By arrangement with the Registrar of Deaths, all fatal cases are immediately notified, and steps taken to disinfect the houses affected.

### **Cancer.**

Seventeen deaths were registered from this cause, compared with 18 in 1913, 16 in 1912 and 17 in 1911,

### **Ophthalmia Neonatorum.**

One case was reported through the year, which was treated at the Eye Infirmary, with good results.

### **Inquests.**

The following inquests were held, the verdicts being :

7	Natural Causes
1	Ptomaine Poisoning
1	Rupture of Gastric Ulcer.
4	Suicides
Total 13	

### **Excrement and Refuse Removal.**

All refuse is removed by the Council's own men, under a foreman.

During the year 39 open ashpits have been abolished, and sanitary dust bins are in general use in the district.

Ninety-seven privy middens and 18 cisterns have been abolished, and 120 water closets substituted. In addition 46 water closets have been added to new houses, and there have been 49 conversions in various factories.

No difficulty has been experienced in carrying out these alterations.

There are now 2919 water closets in the district, compared with 2630 in 1913 and 2403 in 1912.

### Sewage Disposal.

The conversion of the present works is temporarily postponed.

### Water Supply.

The district is served with a continuous supply of good water from the South Staffordshire Water Works Co. Wells are not in use.

### Housing and Town Planning.

The usual systematic inspection has been carried on during the year, and several alterations and improvements in old property carried out.

The following table gives a detailed account of the work done.

*Table showing summary of action taken under the  
Housing and Town Planning, &c., Act, 1909.*

Total number of houses inspected	..	153
Total houses thoroughly repaired	..	77
Total closed by arrangement or under Sec. 17	..	8
Total demolished	..	16
Under Repair	..	8
Still under notice	..	30

This subject is fully dealt with in your Sanitary Inspector's Report.

In the Report for 1913 I alluded to the scarcity of houses for the working classes; since then a Company has been formed, called "The Darlaston and District Housing Company," which has taken the building problem actively in hand.

Houses are being rapidly built, they are of a good type—1 living room, 1 kitchen and 3 bedrooms, and are let at an average rental of 5/9 per week.

## The War and its Effect upon Darlaston.

- (1) A Town's meeting was held under the Chairmanship of Councillor C. Foster, J.P., at which it was resolved to contribute to the Prince of Wales' National Relief Fund, and in a short time upwards of £2000 was subscribed.
- (2) The Darlaston Division of the Soldiers' and Sailors' Families Association, through the courtesy of the Council, established an office in the Town Hall, where the work of enquiring into, and relieving cases is carried on.
- (3) The Doctors and Chemists agreed to act in accordance with the resolution of the British Medical Association. The former giving their services gratuitously and the latter supplying drugs at cost price (to the Government) for the families of our Soldiers and Sailors.
- (4) Recruiting was vigorously carried on, and up to the end of the year over 2000 men had passed through the office. This number of course does not include those already serving at the outbreak of hostilities.
- (5) Two parties of Belgian refugees are now accommodated in 2 houses, 1 in All Saints, and the other in The Green Ward. A Committee of Ladies look after their comfort.

There are no troops billeted in the district.

## Isolation Hospital.

This building, situated in Heath Road, is now used for the reception of cases of Enteric Fever.

The accommodation consists of 8 rooms with 14 beds. There is no permanent staff, but temporary nurses are appointed when necessary.

It has always been clean and in good order on all my visits.

No cases have been admitted during the year.

## Dairies and Cowsheds.

There are 10 cowkeepers and 26 purveyors of milk in the district. All the cowsheds were found in good order, well lime-washed and clean. One cow was slaughtered, as it was found suffering from General Tuberculosis.

## Slaughter-houses.

There are 10 slaughter-houses, 4 licensed and 6 registered. Frequent visits have been paid, including butchers' shops and places where meat was exposed for sale.

## Meat and Food Inspection.

Considerable attention has been given to this, and numerous visits have been paid to shops and market stalls.

## Vaccination.

This is practically a "dead letter," owing to the increased number of "conscientious objections."

## Surveyor's Department.

During the year 57 houses have been erected, and various extensions made to offices and factories.

## Factories and Workshops.

Nut and Bolt making is the staple trade, but in addition there are Constructional Engineers, who turn out heavy work, such as Railway Station Roofs, Bridges, etc. There are also Galvanizers, Tube makers, Stampers, Latch makers, Engineers—for making bolt and nut machinery, etc. ; Saw mills, Joiners and Builders, Motor Car Frame makers and 1 Steam Laundry.

Trade, especially since August, has been very brisk, some of the factories working day and night.

The following list comprises the trades carried on in workshops :

Nut & Bolt making	Sngar Boilers
Gun Locks	Watch Repairers
Dressmaking	Printers
Millinery	Basket Makers
Boot and Shoe Repairing	Stone Masons
Shoeing Blacksmiths	Picture Framer
Joiners and Carpenters	Pattern Makers
Wheelwrights & Coachmakers	Cooper
Rope making	Maltsters
Saddlers	Stampers
File Cutting	Plumbing
Tailors	Bakers

Sixteen notices of defects at factories, which were remediable under the Public Health Acts, were received from H.M. Inspector of Factories. These complaints have all received attention.

132 visits of inspection have been made to workshops and 43 re-visits respecting defects notified.

The temporary office now occupied by the Sanitary Inspector, is a vast improvement on the old one, and I hope the Council will see its way clear to make the occupation permanent. The enormous amount of registers, books, &c., could not well be housed in a smaller office. I cannot conclude this report without a word of praise of your Inspector whose help during the year has been invaluable.

The multiplicity of duties and the many calls upon his services, make it necessary that some clerical assistance should be given him in the future.

I have also to thank your Surveyor for his able assistance during the year.

I remain, Mr. Chairman and Gentlemen,

Yours faithfully,

VINCENT J. MAGRANE,

Medical Officer of Health.

# Annual Report OF THE SANITARY INSPECTOR.

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MR. CHAIRMAN AND GENTLEMEN,

I have the honour and pleasure of submitting to you my Report on the work of the Health Department for the year ending December, 1915.

## Excrement and Refuse Disposal.

The collection and disposal of house-refuse is a matter of some importance as affecting the whole of the community. The old insanitary ashpit, in many cases without any door or covering, and often found in combination with a privy, is now practically a thing of the past, and the objectionable and insanitary method of carting on to the public streets is now almost at an end. By far the greater majority of the houses are provided with galvanized iron receptacles which receive weekly attention, the remainder of the dwellings having properly roofed and covered-in ashpits constructed in accordance with the Bye-laws. A total of 39 open ashpits have been abolished during the year, the total number in the three Wards inspected during the year being 127.—See tables 4, 5 and 6. As regards the Sanitary conditions at Moxley, included under Catherine's Cross, little has been done, as this part of the district is unsewered. The drainage is at present to cesspits and dump-wells, which require constant attention. I am given to understand that it will be a matter of three years or more before it will be deemed advisable to construct a sewer, owing to ground subsidence caused by mining operations. The total number of houses for which provision will have to be made is 78, comprehending 47 privies at present in use. Every effort is made

to keep the surroundings in as sanitary a condition as possible, and in this direction it may be observed that no case of Infectious Disease of any kind has been reported in this area during the year. There is also very little sickness in this section of the town.

Respecting the provision of covered dust bins in lieu of ashpits, it is to be regretted that the type of bin provided is more often than not of a cheap variety, has but a short life, and soon gives rise to a nuisance about the premises, and causes grumbling when the owners are called upon to re-new or amend such receptacles. The fault lies in the absence of a standard type of bin of adequate strength and gauge. There are always to be found owners and builders who will provide the flimsiest article, which often turns out to be more costly in the long run. They are of course actuated by the first cost and the securing of the order in competition. Where the conditions are equal for all, and a standard bin is insisted upon, the benefits are equal for all, and the owner reaps the ultimate benefit. This is a matter which I placed before the Committee early in the year, since when I have had a special bin constructed. When a notice is served for the provision of accommodation for domestic refuse, this bin is recommended. I am pleased to state that a large number have been provided during the year.

By referring to Table 1, column (a) it will be seen that the total number of bins emptied during the twelve months exceeds the previous year by 31,820, showing a good advance in this direction, and that the figures in columns (b) (c) (d) are rapidly decreasing. The increase under (g) is accounted for by the constant attention which is now necessary to avoid the cesspits at Moxley and the various works becoming a nuisance.

There are now a total of 1782 bins in use in the town, the work being performed by 2 teams at a total cost for the year of £556 7s. During the period of the report it has not been necessary to engage any additional assistance. When it is remembered that some years back 6 teams were often engaged in this work it will be seen what a saving has been effected since the campaign against the privy midden first began.

## Returns.

Returns showing the cost of refuse removal for the twelve months ending December 31st, 1914, and compared with the 3 previous years.

Year	Population	913 acres	Total Cost	Cost per House
1911	17107	913 acres	£635 0 5	3/7
1912	17363	,,	£650 19 3	3/8½
1913	17517	,,	£624 11 10	3/6½
1914	17700	,,	£556 7 0	3/1¼

In arriving at the above figure, the following items have been taken into account:—wages, tradesmen's accounts (including Vet.'s fees, repairs to carts, harness, stables), stables account, and depreciation of horses, carts, harness.

During the year no additional team labour has been requisitioned, as the two teams can now cope with the work. It will not be possible to reduce this figure in the future as we are now working with the minimum teams and men.

Under this heading a saving of £68 4 10 has been effected over last year.

Table 1.

MONTH.	(a) No. of Bins Emptied	(b) No. of Ashpits Emptied	(c) No. of Middens Emptied	(d) No. of Cisterns Emptied	(e) Loads of Ashes	(f) Loads of Night Soil	(g) Loads from Dumbwells
Jan. to 17th ..	4959	24	16	211	28	8	
Feb. to 17th ..	8073	89	32	372	39	32	
March to 21st	9802	66	15	38	374	33	51
April to 18th	7951	77	21	25	333	25	53
May to 21st ..	89,8	127	39	26	407	69	47
June to 19th ..	8423	84	13	28	358	19	52
July to 25th ..	10299	86	37	41	399	59	78
Aug. to 19th ..	6313	83	14	23	315	31	27
Sept. to 23rd ..	9800	78	23	30	425	33	48
Oct. to 17th	7368	54	13	30	287	20	66
Nov. to 14th	7808	81	17	35	319	23	67
Dec. to 31st ..	13027	106	14	52	511	27	125
 Totals 1914 ..	 102821	 955	 254	 367	 4311	 406	 654
 Totals 1913 ..	 71001	 1130	 446	 388	 4388	 445	 438
 Totals 1912 ..	 50331	 1119	 502	 351	 4183	 488	 177
 Totals 1911 ..	 39673	 1447	 789	 485	 4309	 571	 166

Table 2.

Table showing the number of houses in the district and total number of Conversions made, and W.C.'s provided during the year 1914, and compared with the five previous years.

House to house inspections have been made of all houses in the first three wards, so that the figures given here are correct up to date. All Saints' Ward has not been inspected, the figures given here being taken from past reports.

WARD	Back to Back	Single Houses	Through Houses	Total Houses	Middens Abolished	Cisterns or Vaults Abolished	Total Abolished	Clean Water Closets	Number of Houses Al.ected
Catherine's Cross	48	108	852	1008	23	5	28	29 (new)	60
Central ..	23	117	583	723	24	2	26	30 (new) 2 (works)	45
The Green ..	12	100	797	909	15	3	18	18 (new) 5 (new)	33
All Saints' ..	—	59	851	910	35	8	43	33 (works) 9 (new) 45 (new) 14 (works) 2 (new)	56
Total 1914 ..	..	83	384	3083	3550	97	18	115	120 (new) 49 (works)
1913 ..	—	—	453	3082	3535	157	28	185	194
1912 ..	..	—	458	3044	3502	211	14	225	290
1911 ..	..	—	—	—	—	—	—	235	367
1910 ..	..	—	—	—	—	—	—	213	387
1909 ..	..	—	—	—	—	—	—	226	368
						87	—	126	246
							—	143	

## Housing and Town Planning.

### *House to house inspection and general character of defects found to exist.*

With a view to eliminating sanitary defects in connection with house property, a slight variation has been made in the method of inspection. To carry out a systematic inspection of the district as required by Section 17 of the Act would mean constant attention over a considerable period. A large percentage of the houses are of the purely working class type and erected at a time when the building bye-laws were of a less rigid character. On inspection it is found that structural alterations and extensive repairs are often necessary, so that the number of houses which can be satisfactorily dealt with during the year is not large. As it is desirable that the district should be covered at as early a date as possible, I have commenced a further inspection of a less searching character, and confined chiefly to defects about the premises, or which affect the well being of the tenant. These have reference in the main to paving of the yard areas, overcrowding, insanitary conveniences, defective roofs, absence of spouting and general dilapidations. The particulars are tabulated for future reference, and entered up in the "Ward Visiting Book," to be subsequently entered on to the proper Housing Cards used for the more detailed inspections. During the year we have been able to cover over three parts of the town,—Catherine's Cross, the Central, and the Green Wards, having been inspected, a total of 2640 houses. The essential details of these inspections will be found set out in the following tables under this heading.

The number of cases of Overcrowding brought to notice may appear somewhat high, but it must be observed that these are not essentially cases where the cubic space is reduced to a very low standard, but include instances of "Overcrowding with regard to sex." In these latter cases the family has usually occupied the premises for a number of years, and as the members of the family have grown up, have failed to see the necessity of moving into a larger and more suitable house. It is not a question of means, as there are frequently two or

three workers. These people are often able to pay 5/- or 6/- a week rent, but will not move unless compelled to do so. Their removal brings about a gradual movement from the lowest priced dwellings upwards, and cannot fail to be beneficial, these low priced houses, generally Court property in a bad state of disrepair being slowly wiped out.

In my last Annual Report I made mention of the necessity of considering the question of suitably housing the workers. Very little building had for some years been going on, and a large number of houses had been demolished. Since the passing of the Housing Act up to December, 1913, a total of 112 houses have been erected, and during that time, 113 have been closed and demolished as unfit for occupation. However, this stagnation is now past, and a considerable number of houses have been erected during the present year. 57 dwellings have been erected, letting at an average rental of 5/6 per week, 22 are partly completed, and a considerable number in hand to be erected at an early date. These have all been erected by private enterprize, so that if the needs of the community are to be met in this way, any question of a Housing Scheme by the Council is not for the present, or immediate future.

There are still in the district a number of dwellings of the Court variety which, considered from a Sanitary and hygienic point of view would be better down. They are let at a rental of about 2/6 a week, constitute over crowding on space, and impede light and ventilation to adjacent premises. A great deal has been accomplished in weeding out the most representative of this class, in securing their Closure, and subsequent demolition.

The number of detailed inspections made under Section 17 and the result of such inspections will be found set out in Table 3. A total of 153 have been inspected and 139 found to require attention in the way of repairs. During the year 3 Closing Orders only have been issued, no Demolition Orders, and no Determining Orders. A total of 8 have been closed, and 16 demolished without recourse to official procedure.

**Table 3.**

*Houses Repaired and made Habitable, or otherwise dealt with under the Housing and Town Planning Act.*

Situation of Premises	No. of Houses	No. made Habitable	No. Closed	No. Demolished	No. under Repair	No. still under Notice	
Castle street, 7 to 14, ...	8	8					Repaired under specification
Foster street, 57, ...	1	1					" " "
Cramphill, Ct. 8, house 4,	1			1			Voluntarily by request
Church street, 52, ...	1			1			Closing Order 2/7/13.
Baggott's Bridge, 9, ...	1			1			" " 4/2/13.
Giles' Square, 20, 21, ...	2	2					Repaired under specification
Heath road, 36, 37, 38, 39, ...	4			4			Street improvement
Great Croft street, 29 to 32, ...	4			4			Closing Orders 7/1/13.
Cross street, 17 to 22, ...	6	6					Repaired under specification
Smith street, 5, 6, 7, ...	3					3	Specification No. 80.
Eldon street, 23, 24, ...	2					2	64.
Willenhall street, 22, 23,	2	2					Repaired under specification
The Leys, 7 to 10. }	6				6		Specification No. 76.
Alma street, ...							
Moxley, 58 to 62, ...	5	5					Repaired under specification
Foster street, 67, 68, 69, etc. ...	5					5	Specification No. 72.
Dangerfield lane, 6, 7,	2		2				In dangerous condition
Dangerfield lane, Ct. 2,	6	6					Repaired under specification
Bush street, 19 to 28, ...	10					10	Specification Nos. 65 to 68.
Eldon street, 20, 21, ...	2					2	" No. 81.
Station street, 61, 62, ...	2	2					Repaired under specification
Horton street, 28 to 31,	4	4					
Catherine's Cross, Ct. 4,	1	1					Rebuilt in part "
Cramphill, Ct. 6, ...	3		3				Closing Orders 9/6/14.
Blockall, 55, 56, ...	2			2			Taken down by owner
Booth street, 55, ...	1			1			
Church street, 30 to 35,	6		2			4	" " " To be demolished
Blockall, 1, 2, ...	2					2	
Dangerfield lane, 13, ...	1	1					Repaired under specification
Great Croft street, 33, 34,	2	1		1			Altered and converted to one dwelling.
The Green, 48, ...	1			1			Taken down by arrangement
King street, Ct. 3, 6, 7, 8,	3	3					Repaired under specification
King street, Ct. 3, house 5, ...	1	1					" "
The Green, 83 to 87, ...	5	5					" "
Richard street, 1 to 7, ...	7	7					" "
Tilley street, 1 to 9, ...	9	9					" "
Moxley, Ct. 1, house 1,	1	1					" "
Great Croft street, 40 to 47, & Ct. 2, ...	12	12					" "
Bush street, Ct. 1, (1,2),	2					2	
Victoria road, 10, 11, 12,	3		1			2	Closing Order
	139	77	8	16	8	30	

Table 4.

## Housing and Town Planning. Catherine's Cross Ward.

STREET.	Back to Back Houses	Single Houses	Through Houses	Number with 1 Bedroom	Number with 2 BedRooms	Number with 3 BedRooms	Over 3	Cases of over-crowding	Open Ashpits	Privies and Cisterns
Alfred Street	0	0	14	0	14	0	0	0	0	0
Catherine's Cross	0	21	135	5	98	46	7	0	5	6
Cockleath	0	0	11	0	8	3	0	0	1	11
Dangerfield Lane	0	4	24	4	13	7	4	1	2	2
Factory Street	2	9	31	4	29	8	1	1	1	1
Forge Road	0	2	13	0	11	3	1	0	0	0
Foundry Street	8	3	58	9	52	6	2	2	2	0
Heathfield Lane	0	8	30	7	24	6	1	0	0	0
Herbert's Park	0	0	3	0	1	2	0	0	0	0
King Edward Street	0	0	51	0	37	13	1	0	0	0
Mill Street	0	2	57	2	28	28	1	0	0	3
Moxley	33	15	67	0	76	27	12	7	22	59
Moxley Road	2	19	110	7	53	66	5	14	6	12
Park Road	0	2	13	1	6	8	0	3	0	0
Park Street	0	1	7	1	6	1	0	1	0	1
St. John's Road	0	1	37	4	24	9	1	3	0	1
Pinfold Street	0	14	75	3	48	27	11	1	4	6
Wolverhampton Street	3	7	116	5	59	58	4	2	1	8
Totals	48	108	852	52	587	318	51	35	44	110

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Table 5.

## Housing and Town Planning. Central Ward.

STREET.	Back to Back Houses	Single Houses	Through Houses	Number with 1 Bedroom	Number with 2 Bedrooms	Number with 3 Bedrooms	Over 3	Cases of over-crowding	Open Ashpits	Privies and Cisterns
Alma Street	0	1	32	1	28	2	2	0	0	1
Baulk Lane	0	0	2	0	2	0	0	0	0	0
Bilston Street	0	14	40	21	22	10	1	0	1	2
Blakemore's Lane	0	12	11	4	14	5	0	0	1	1
Cramphill	2	18	53	17	45	7	4	2	6	5
Cross Street	6	18	2	18	3	3	2	4	1	1
Dorsett Road	2	0	1	0	2	0	0	0	0	0
Eldon Street	2	4	64	1	41	25	3	2	2	1
Great Croft Street	6	2	46	2	40	11	1	2	1	1
High Street	3	11	56	3	31	28	8	0	6	3
The Leys	0	19	1	8	5	5	0	2	1	0
New Road	0	24	0	0	0	0	3	0	0	0
New Street	0	26	54	11	40	24	5	0	3	0
Rough Hay	0	6	0	2	0	0	4	0	3	4
School Street	0	13	0	12	0	0	3	2	1	1
Smith Street	0	39	0	25	12	0	0	2	1	0
Willenhall Street	8	21	65	11	46	34	3	1	6	14
Totals ..	23	117	585	74	396	210	45	15	40	33

Table 6.

## Housing and Town Planning. The Green Ward.

STREET.	Back to Back Houses	Single Houses	Through Houses	Number with 1 Bedroom	Number with 2 Bedrooms	Number with 3 Bedrooms	Over 3	Cases of over-crowding	Open Ashpits	Privies and Cisterns
Addenbrooke Street	0	0	53	0	4	45	4	0	0	0
Aldridge Street	0	0	8	0	8	0	0	0	0	0
Beard Street	0	2	22	0	12	12	0	1	1	0
Bell Street	6	17	58	5	56	16	4	5	3	0
Bentley Road	0	3	25	1	17	8	2	0	2	15
Blockall	0	7	38	0	21	17	7	0	3	0
Booth Street	0	0	51	0	30	21	0	3	0	0
Bush Street	0	8	49	3	35	18	1	2	6	3
Castle Street	0	0	31	0	16	15	0	1	0	0
Foster Street	0	24	75	2	60	38	5	3	3	6
Horton Street	0	0	48	0	35	12	1	1	2	0
Giles Square	0	3	16	0	17	2	0	1	1	0
Little Cross Street	0	0	13	0	4	9	0	1	0	11
Perry Street	0	0	41	0	25	15	1	4	0	0
Queen Street	0	0	8	0	8	0	0	1	0	0
Richard Street	0	0	31	0	8	22	1	1	0	0
Rough Hay Road	0	0	11	0	0	11	0	1	0	0
St. George's Street	0	6	19	1	23	1	0	2	4	4
The Green	0	28	139	12	75	56	24	16	13	14
Willenhall Road	0	2	61	1	25	30	7	1	5	4
Totals	12	100	797	25	479	348	57	44	43	57

## Factories and Workshops.

There are now on the Register 114 workshops, including 14 bakehouses. A detailed list of the trades carried on will be found set out in the table following.

132 visits of inspection have been made to these premises and 43 re-visits respecting defects notified.

Sixteen notices have been received from H.M. Inspectors' of Factories respecting defects at factories which were remediable under the Public Health Acts. These complaints have all received attention.

### List of Trades carried on in the district.

#### *Workshops—*

Nut & Bolt Making	..	..	21
Gun Locks	..	..	13
Dressmaking	..	..	16
Boots and Shoes	..	..	8
Blacksmiths	..	..	6
Millinery	..	..	4
Joiners and Carpenters	..	..	4
Bakehouses	..	..	14
Others	..	..	28
			—
Total			114

**Table 7.**  
*Factories and Workshops. Statement of Defects.*

NATURE OF COMPLAINT.	No. of Notices	Remarks	Outstanding
<i>Factories—</i>			
Sanitary Accommodation Unsuitable	5	Amended ..	5
Improperly Cleansed and Flushed	6	Abated ..	6
No Proper Accommodation	1	Convenience Provided	0
Conveniences Insanitary	1	Abated ..	0
Sanitary Accommodation Insufficient	1	W.C.'s Provided	0
Nuisance from Furnace Chimneys (1913 report)	2	Abated ..	2
Cleansing of Walls and Ceilings.. , ,	1	“ ..	0
<i>Workshops—</i>			
Cleansing of Bakehouses	4	Abated ..	4
Structural Defects—Bakehouse	1	Now Closed ..	0
Structural Defects—Workroom	1	Repaired ..	0
Cleansing of Walls and Ceilings..	14	Abated ..	13
Insanitary Accommodation	1	W.C. Provided ..	1
Total number of Defects ..	38	Abated ..	37
			1

## Slaughterhouses, Meat and Foods.

There are 10 slaughterhouses now on the register, 4 being licensed annually and 6 being registered.

The premises, which are visited at frequent intervals were found to be in good structural condition and well maintained. On the whole the meat examined has been found to be of good quality.

Owing to the multiplicity of duties, and the varying days and times of killing, it is impracticable to examine all meat before being carted away from the slaughterhouse, so that this branch of Public Health work does not receive the attention it merits. A Public Abattoir would go far to bring all butchers meat under closer inspection, and more rigid examination.

A total of 2,237 lbs. of meat has been condemned as unfit for human consumption, including 1 beast (Gen. Tub.), 6 pigs heads and plucks (Tub.), and varying quantities of unsound and unwholesome meat and foods.

## Dairies, Cowsheds and Milkshops.

These premises have been periodically visited during the year and have been found to be well kept. A distinct improvement in the Sanitary conditions in and around the premises is to be noted. There are 10 cowkeepers now on the register with a total of 35 cows.

On one of my visits to these premises in March last, I had occasion to note the condition of one animal (recently calved) which appeared to be suffering from Tuberculosis. As required by the Tuberculosis Order of 1913, the case was at once notified to the Local Authority under the Diseases of Animals Act. A subsequent examination by a Veterinary Surgeon indicated that the animal was Tuberculous. It was afterwards slaughtered and found to be suffering from Generalized Tuberculosis. The carcass was disposed of at the Knackers Yard under my supervision.

There are 26 purveyors of milk on the register. The premises have been visited at intervals.

## Isolation Hospital.

No cases of Infectious disease have been admitted to the Hospital during the period covered by this report. Of the two cases of Enteric notified, one died within a few hours, the other being suitably isolated at home.

## Infectious Disease.

Particulars as to notifications will be found set out in the Table at the end of the report.

During the year 27 deaths from Pulmonary and Generalised Tuberculosis have been notified to me by the Registrar. The premises and articles have been disinfected.

An arrangement has been entered into during the year with the neighbouring district of Wednesbury, for the disinfection of bedding, etc., by Steam Disinfector. This Disinfector is within very easy access, being only a few hundred yards removed from our boundary.

## Canal Boats.

78 visits of inspection have been made to examine Canal Boats, and 7 Registered Boats have been examined. The following infringements have been reported :—

No proper or suitable water vessel	3
Remedied	3

The boats inspected were found to be excellently kept from a Sanitary point of view, the interiors being scrupulously clean, and the occupants themselves cleanly in their habits and person.

I remain,

Mr. Chairman and Gentlemen,

Yours respectfully,

JOSEPH S. BARKER, M.S.I.A.,

Assoc. Royl San. Inst.,  
Certified Meat and Foods' Inspector.

Table 1.

## *Vital Statistics of Whole District during 1914 and previous years.*

YEAR	Population estimated to middle of each year	BIRTHS			Total Deaths registered in the district		Transferable Deaths		Nett deaths belonging to the district	
		Un- corrected Number	Rate Number	Rate Number	Of Non- residents not registered in the district	of Resi- dents registered in the district	Rate per 1000 nett births	Number	Rate	
1909	15916	0	593	37.25	307	19.28	22	109	182.12	328
1910	16000	0	561	35.25	259	16.18	16	83	147.22	275
1911	17107	0	575	33.60	293	17.13	0	100	175.91	315
1912	17363	552	555	31.96	277	15.95	0	80	144.14	299
1913	17517	570	576	32.88	306	17.47	0	83	144.10	330
1914	17700	577	579	32.71	255	14.41	C	29	83	143.35
									284	160.5

**Table 2.**  
*Cases of Infectious Disease notified during the year 1914.*

NOTIFIABLE DISEASE	No. of Cases Notified						Total Cases Notified in each Locality.				Total cases removed to hospital		
	AT AGES—YEARS						Ward 1		Ward 2		Ward 3		
	At all Ages	Under 1 year	1 and under 5	5 and under 15 years	15 and under 25	25 and under 45	45 and under 65	65 and upwards	Ward 1	Ward 2	Ward 3	Ward 4	
Diphtheria (including Membranous Croup)	4	0	1	3	0	0	0	0	1	1	1	1	0
Erysipelas	16	0	0	2	2	8	4	0	5	7	3	1	0
Scarlet Fever	6	0	1	4	0	1	0	0	2	0	2	2	0
Enteric Fever	2	0	0	1	0	1	0	0	0	2	0	0	0
Ophthalmia Neonatorum	1	1	0	0	0	0	0	0	0	0	1	0	0
Pulmonary Tuberculosis	48	0	2	7	11	22	6	0	13	18	8	9	0
Other forms of Tuberculosis	10	0	2	4	1	2	1	0	3	2	4	1	0
<b>Totals</b>	<b>87</b>	<b>1</b>	<b>6</b>	<b>21</b>	<b>14</b>	<b>34</b>	<b>11</b>	<b>0</b>	<b>24</b>	<b>30</b>	<b>19</b>	<b>14</b>	<b>0</b>

**Table 3***Causes of, and Ages at, Death during the Year 1914*

CAUSES OF DEATH	Net Deaths at the subjoined ages of "Residents" whether occurring within or without the District.								
	All Ages	Under 1 year	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and up wards
Enteric Fever	1	1	3	1	1	7	2	2	1
Whooping Cough	7	3	1	1	1	10	3	1	
Diphtheria and Croup	2	1	1	1	1	7	1		
Influenza	5	1	1	1	1	1	1		
Phtisis (Pulmonary Tuberculosis)	23	4	2	1	1	3	2	5	
Tuberculous Meningitis	4	7	3	1	1	1	2	8	
Other Tuberculous Diseases	17	2	1	1	1	1	1	5	
Cancer, malignant disease	3	2	1	1	1	2	1		
Meningitis	27	6	1	1	2	6	6	12	
Organic Heart Disease	32	8	1	1	1	1	3	21	
Bronchitis	28	4	7	1	1	3	3	2	
Pneumonia (all forms)	1	13	4	1	1	1	1	1	
Other diseases of respiratory organs	21	1	1	1	1	1	1		
Diarrhea and Enteritis	2	4	1	1	1	1	1		
Nephritis and Bright's Disease	1	1	1	1	1	1	1		
Other accidents and diseases of									
Pregnancy and Parturition									
Congenital Debrity and Malformation, including Premature Birth	42	41	1	1	1	1	2	1	26
Violent Deaths, including Suicide	2	4	5			3	1	7	13
Other Defined Diseases	55	5							68
Totals	284	83	15	15	9	15	37	42	

**Table 4.**

*Infant Mortality during the year 1914. Nett deaths from stated causes at various ages under 1 year of age.*

Cause of Death.	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total deaths under 1 year
Whooping Cough	0	0	0	0	0	0	1	0	0	1
Abdominal Tuberculosis	0	0	0	0	0	1	1	0	0	2
Other Tuberculous Diseases	0	0	0	0	0	0	1	1	0	2
Meningitis (not Tuberculosis)	0	0	0	0	0	0	2	0	0	2
Convulsions	3	0	0	0	3	0	1	0	0	4
Bronchitis	0	0	0	0	0	2	2	2	0	6
Pneumonia (all forms)	0	0	0	0	0	2	1	4	1	8
Enteritis	0	0	0	0	0	2	5	3	3	13
Syphilis	0	0	0	0	0	1	0	0	0	1
Congenital Malformations	1	0	1	0	2	0	0	0	0	2
Premature Birth	19	3	1	0	23	0	0	0	1	0
Atrophy, Debility & Marasmus	5	1	0	3	9	3	0	1	2	15
Other Causes	0	0	0	0	0	1	1	0	1	3
Totals	28	4	2	3	37	12	15	12	7	83

Table 5.

## Summary of Sanitary Work done in the Sanitary Inspector's Department during the year 1914.

	Number of Inspections and Observations made	Abatement Notices		Nuisances Abated after Notice by	
		Defects found by Inspector	Informal by Inspector	Formal by Authority	Inspector
Dwelling-houses and Schools					
Foul Conditions	307	143	114	4	112
Structural Defects	565	312	147	5	287
Overcrowding	99	97	97	5	4
Unfit for Habitation	2350	1687	207	14	1355
Dairies and Milkshops	58	7	7	0	7
Cowsheds	37	8	8	1	7
Bakewholes	43	19	10	2	14
Slaughter houses	742	9	9	0	9
Canal Boats	78	3	3	0	3
Ashpits and Privies	574	537	167	32	297
Deposits of Refuse & Manure	27	21	21	4	17
Water Closets	289	145	94	10	125
Defective Traps	2	2	0	0	2
No Disconnection	5	5	0	0	4
Other Faults	14	14	6	0	6
Water Supply	4	2	2	2	0
Pigsties	17	9	9	0	0
Animals improperly kept	32	22	22	3	3
Smoke Nuisances	2	2	1	1	1
Other Nuisances	47	28	28	2	24
Totals	5292	2972	900	85	2322
					102

**Table 6.**

YEAR	Population estimated to middle of each year.	Births Registered	Deaths at all ages	Deaths under 1 year
1901	15,411	610	349	128
1902	15,474	633	327	129
1903	15,538	605	297	89
1904	15,602	665	351	131
1905	15,666	592	317	130
1906	15,730	625	356	117
1907	15,794	646	321	117
1908	15,852	644	313	129
1909	15,916	593	328	108
1910	16,000	561	275	83
1911	17,107	575	315	100
1912	17,363	555	249	80
1913	17,517	576	330	83
Average for years 1901 & 1913		16,075	606	321
				110
1914	17,700	579	284	83

**Table 7.**

*Showing Deaths of Children and Death Rates of Children to 1000 Deaths for 1914 and 10 preceding years.*

YEAR	Deaths under 1 year	Deaths of children under 1 year per 1000 of total deaths	Deaths of children of 1 and under 5 years	Deaths of Children of 1 and under 5 years per 100 of total deaths
1904	131	373.21	57	162.39
1905	130	410.09	43	135.64
1906	117	328.65	48	134.83
1907	117	364.48	45	140.18
1908	129	412.14	36	115.01
1909	108	329.26	77	234.75
1910	83	320.46	23	88.80
1911	100	317.46	31	98.41
1912	80	260.86	56	187.29
1913	83	251.51	70	212.12
Average age for ten years	108	336.81	49	150.84
1914	83	292.25	30	105.63

**Table 8.**  
*Showing Deaths from principal Zymotic Diseases in 6 years, 1909 to 1914.*

DISEASE	1909	1910	1911	1912	1913	1914	Annual Average of 6 years.	
							1909	1910
Smallpox ..	0	0	0	0	0	0	0	0
Measles ..	41	0	6	26	19	0	15.33	3.00
Scarlet Fever ..	..	..	..	0	1	0	..	..
Diphtheria and Membranous Croup ..	10	6	0	0	1	1	2	1.17
Whooping Cough ..	..	1	2	0	1	2	7	6.00
Typhus ..	..	8	6	2	11	..	0	0
Fevers { Enteric ..	..	0	0	0	0	0	1	1.33
Continued ..	..	..	..	..	..	..	0	0
Diarrhoea ..	..	..	..	..	..	..	21	19.33
Totals ..	..	..	77	26	42	47	54	31

Table 9.

Percentage of Deaths from subjoined causes in 10 Years (1904-1913) of children under 1 year to total deaths of children under 1 year as compared with 1914.

Year	Total Number of Deaths under 1 year	Congenital Debility and Premature Birth	Diarrhoea including Epidemic Enteritis	Diarrhoea including Epidemic and Gastro-Enteritis and Enteritis	Bronchitis and Pneumonia	Tuberculosis Diseases, Marasmus & Wasting Diseases	Convulsions
1904	131	16.79	19.84	19.84	18.32	24.42	2.29
1905	130	27.69	8.46	8.46	16.92	28.46	3.84
1906	177	17.09	16.24	16.24	14.53	29.91	5.12
1907	177	28.20	10.25	10.25	24.79	23.93	3.41
1908	129	22.48	17.82	17.82	17.05	21.70	3.87
1909	108	30.54	9.25	10.18	18.15	23.14	2.77
1910	83	21.68	8.43	9.69	16.86	18.07	2.40
1911	100	22.00	13.00	18.00	20.00	22.00	5.00
1912	80	21.24	3.33	5.00	41.25	22.50	1.25
1913	83	14.46	18.07	20.48	25.30	31.33	1.20
Average for 10 years	120	22.22	12.47	13.60	21.32	24.55	3.12
1914	83	31.33	15.66	15.66	16.87	22.89	4.82

Table 10.

*Cause of Death of children under 1 year of age in 10 years—1905-1914*

CAUSE	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
Abscess ...	...	...								
Accidently overlain ...	...	...					2		1	
Atelactasis of Lungs ...	...	...		1	1					
Bronchitis... ...	15	15	23	17	19	8	16	7	2	6
Brights Disease ...	1									1
Congenital Macformations and										
Premature Birth ...	34	20	29	29	22	21	22	17	12	26
Convulsions ...	5	6	4	5	3	2	4	1	1	4
Cerebral Congestion ...	1									
Diarrhoea and Epidemic										
Enteritis ...	11	19	11	23	10	7	13	3	15	11
Dentition ...	1			1						
Difficult Parturion ...	...	...	1	1						
Erysipelas ...	...	...								
Eczema ...	1			1						
Enteritis ...	3	7					1	3		2
Gastritis ...	...							1	2	
Gastro Enteritis ...	...				1		1			
Hepatic Congestion ...	1									
Hydrocephalus ...	1						1			
Heart Diseases ...	...	1			1		1	1		1
Intestinal Catarrh ...	...		1							
Inanition ...	2	2	4	9	11	8	8			
Intestinal Hæmorrhage ...	...									
Influenza ...	...			1			1			
Laryngitis and Croup ...	...			1						
Measles ...	9	1	2		7		1	6	2	
Meningitis ...	1	1			1		1	1		2
Membranous Croup ...	...									
Natural Causes (Inquest)	...			2			1			1
Nephritis ...	...						1			
Pneumonia ...	7	2	6	5	1	6	4	16	19	8
Pemphigus Neonatorum	...									
Suffocated ...	1	4	6	2	2	3		2	1	
Spina Bifida ...	...				1			2		1
Syphilis ...	...	1								
Shock from Burns ...	...							2		
Septicæmia ...	1									
Tuberculosis, Marasmus and Wasting Diseases	36	35	28	28	25	21	22	18	26	19
Whooping Cough ...	1	1	1	4	3	4		5		1
Other Causes ...	...							1	2	
<b>TOTAL</b>	<b>130</b>	<b>117</b>	<b>117</b>	<b>129</b>	<b>108</b>	<b>83</b>	<b>100</b>	<b>80</b>	<b>83</b>	<b>83</b>

